

Cleanup Criteria

Camp Bonneville



- **Cleanup Goal**
 - To minimize the likelihood for physical contact with explosives to a **negligible** level (at surface and at depth)

Cleanup Action Alternatives

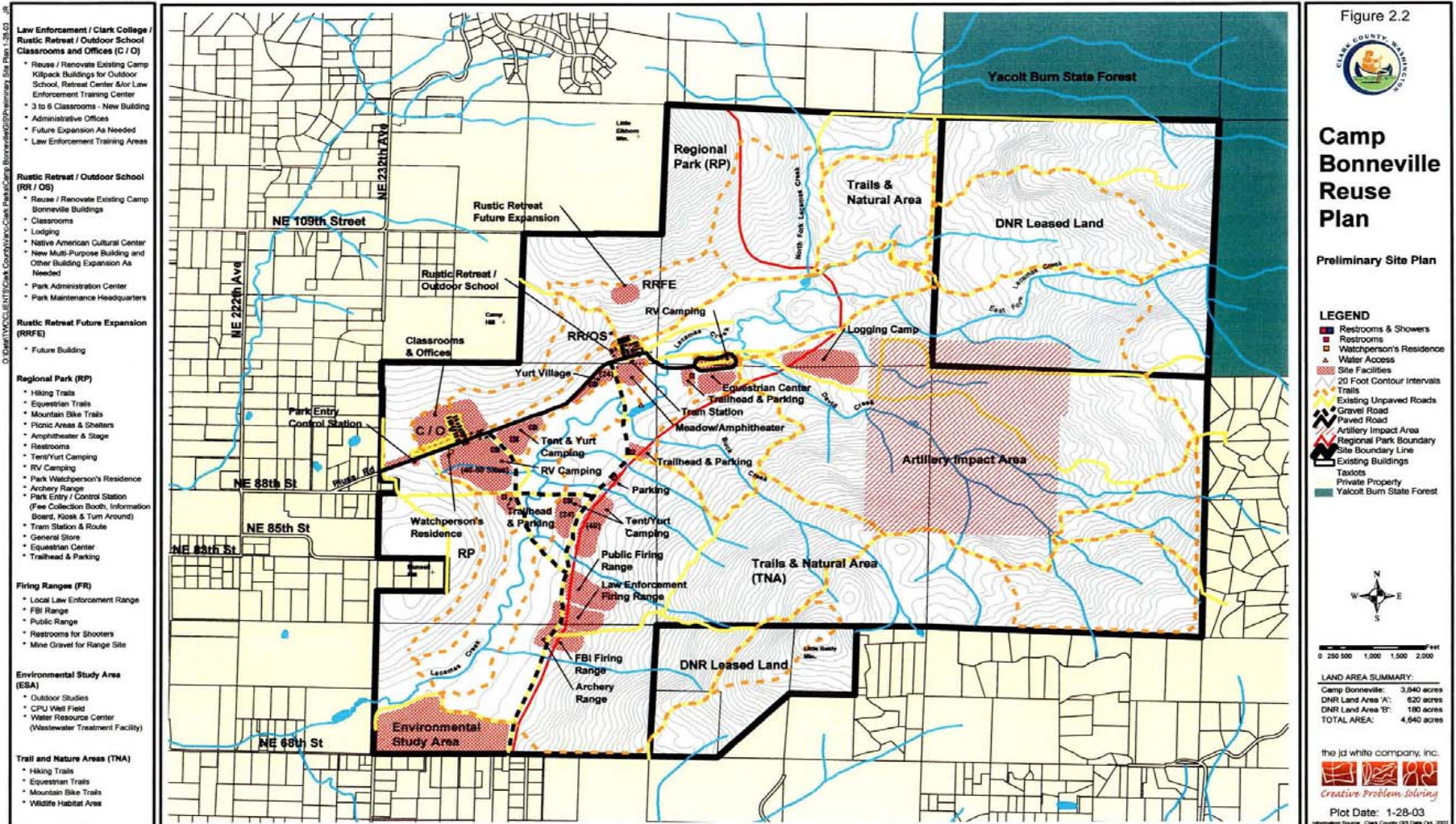
Camp Bonneville



- **No Further Action**
 - No cleanup action is implemented. Baseline
- **Institutional Controls (ICs)**
 - Access control, Safety educational programs
- **Surface Clearance with ICs**
 - Clear MEC and scrap from ground surface
- **Clearance to Frost Depth (14”) with ICs**
 - Clear MEC and scrap from ground surface and within 14” below ground surface
- **Subsurface Clearance with ICs**
 - Clear MEC and scrap from ground surface and to a depth based on projected land use of the Area
- **Excavation and Restoration**
 - Complete excavation of the area and sifting to remove MEC and scrap

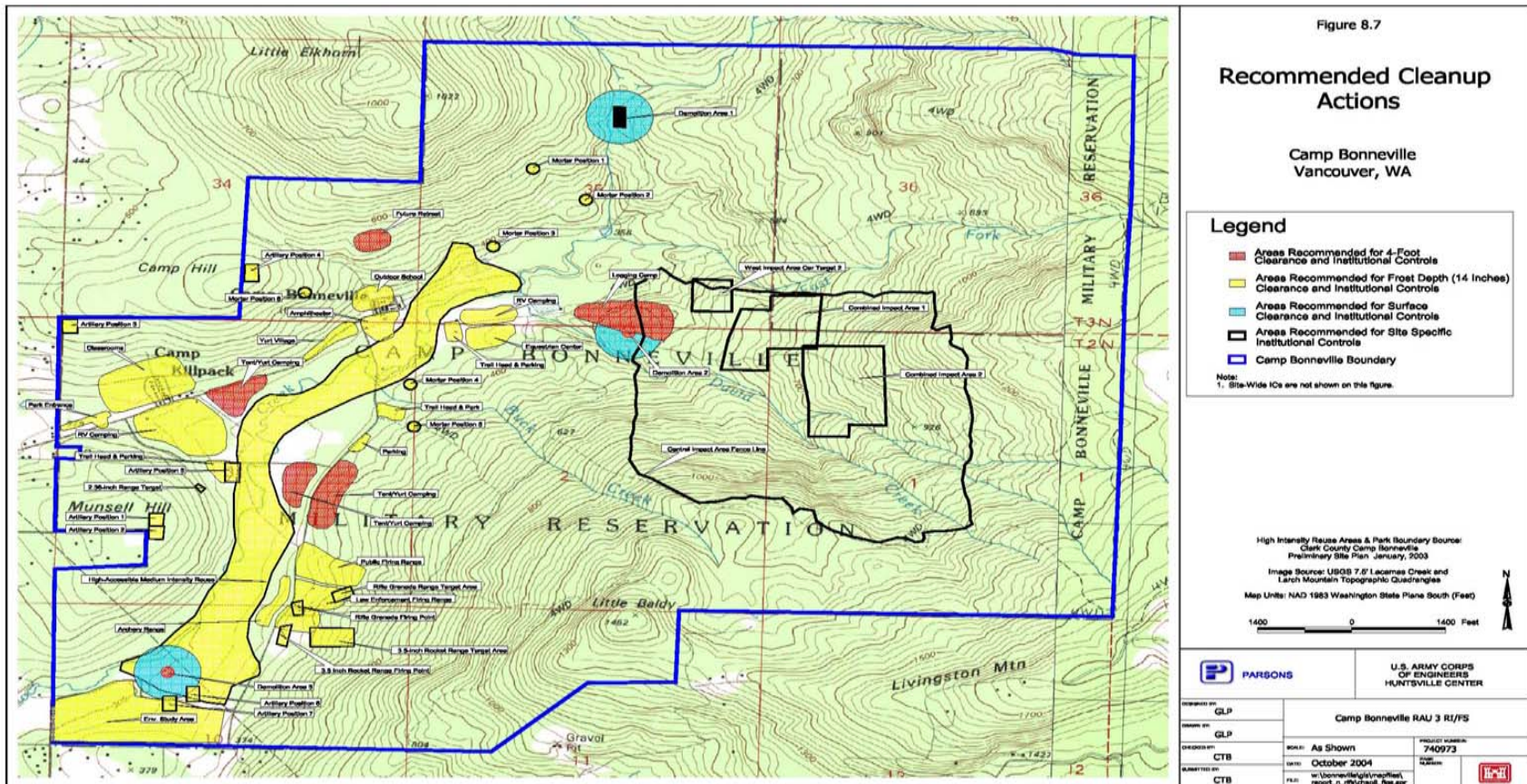
Camp Bonneville Reuse Plan

Camp Bonneville



Areas Recommended for Active Cleanup Actions by the Army

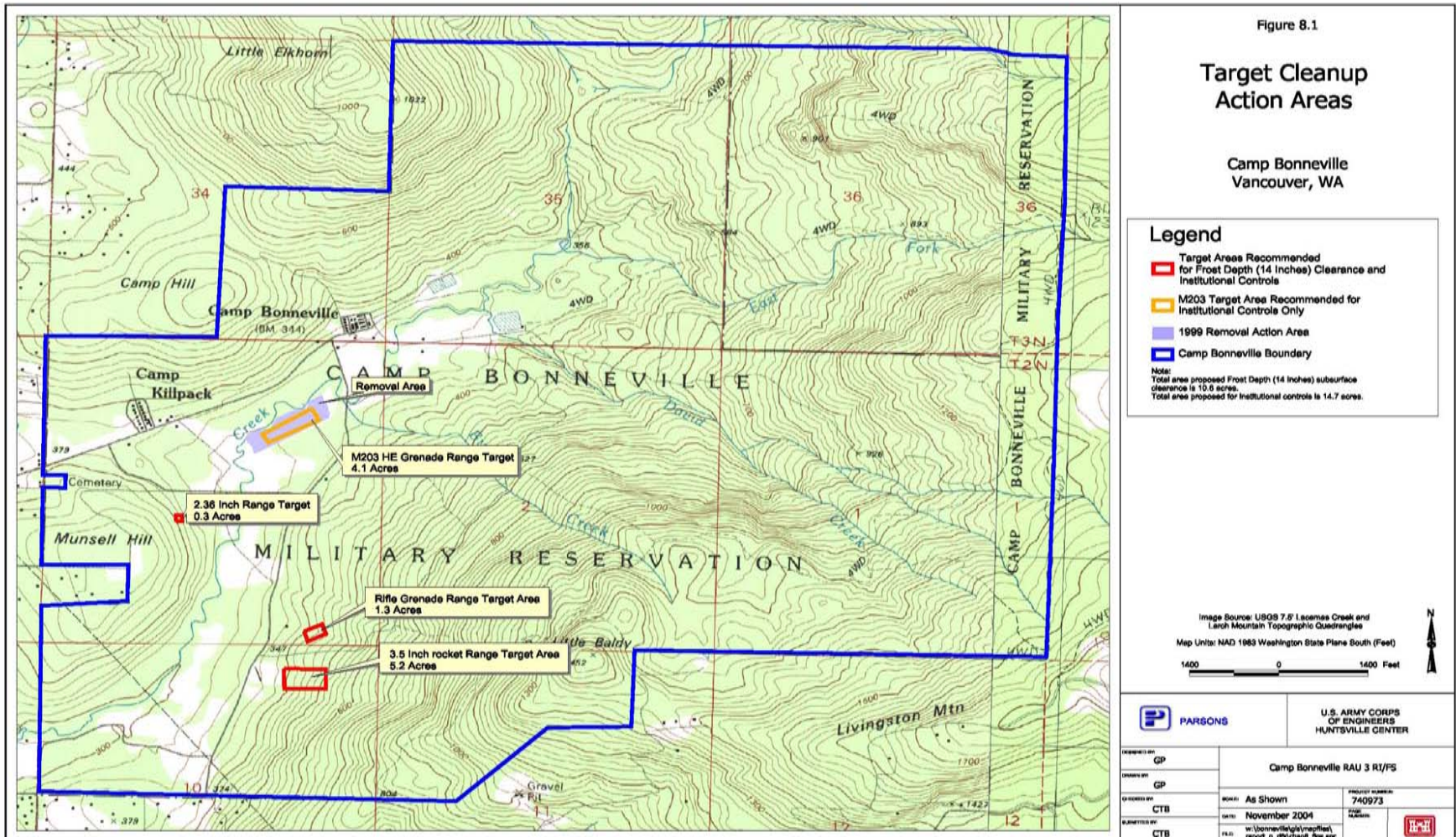
Camp Bonneville



- Color-shaded areas are proposed for removal actions. Estimated cost for implementation, including ICs, is **\$16,774,000**

Target Areas

Camp Bonneville



Explosive Hazard Exposure Rank and Recommended Cleanup Alternative

Camp Bonneville



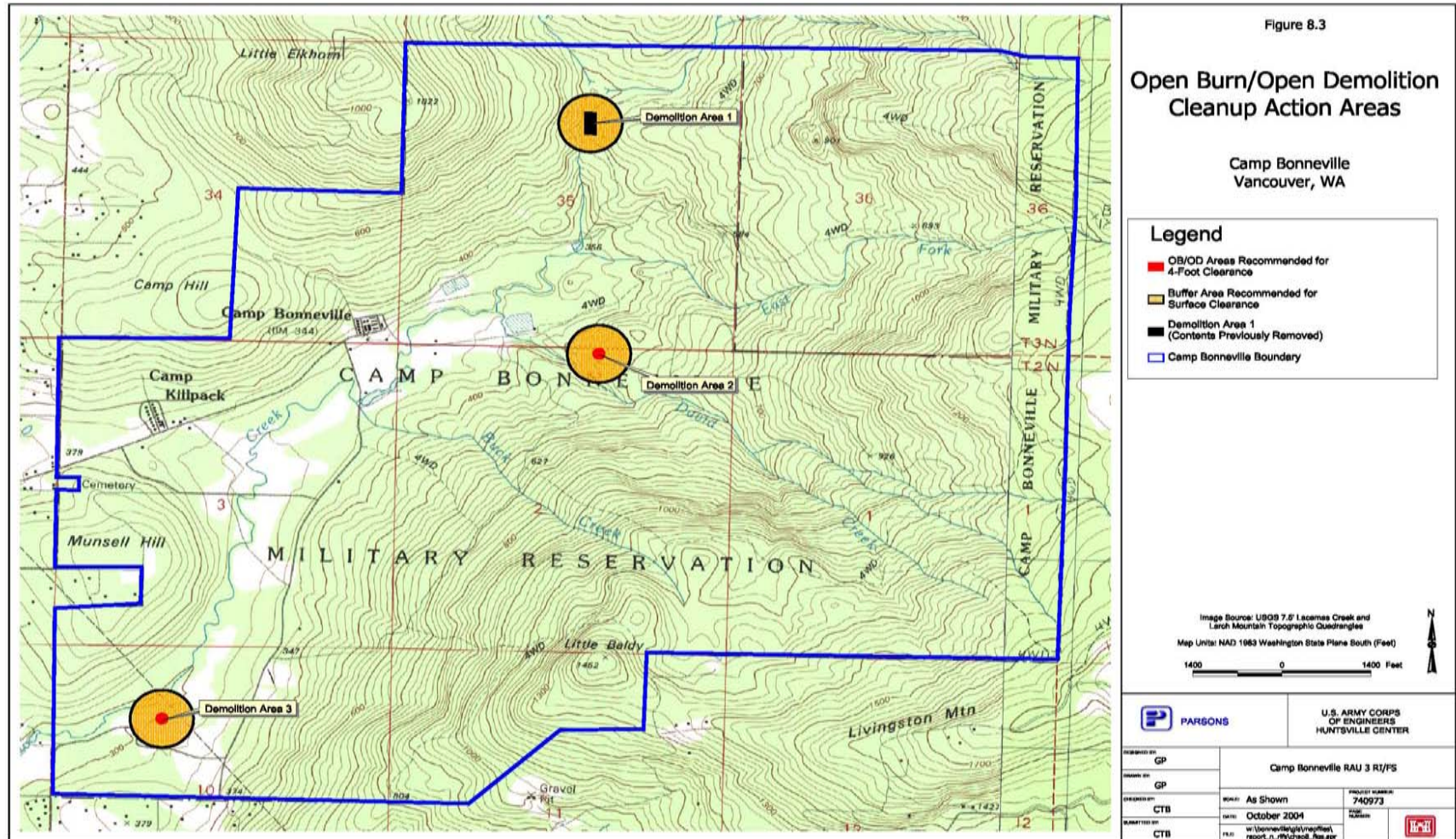
<i>Target Areas</i>	<i>MEC Source/ Explosive Ranking</i>	<i>Accessibility</i>	<i>Future Land Reuse Intensity</i>	<i>Activity/ Depth</i>	<i>Explosive Hazard Exposure Rank</i>
3.5" Rocket Range	1	Limited	High	Surface	A
Rifle Grenade	1	Limited	High	Surface	A
Hand Grenade	1	Accessible	High	Surface	A
2.36" Rocket	1	Accessible	Medium		A

Army Recommended Cleanup Alternative

- Frost depth clearance with ICs
- Estimated Cost of \$279,000

Open Burn/Open Demolition Areas

Camp Bonneville



Explosive Hazard Exposure Rank and Recommended Cleanup Alternative Camp Bonneville



<i>Area OB/OD Areas</i>	<i>MEC Source/ Explosive Ranking</i>	<i>Accessibility</i>	<i>Future Land Reuse Intensity</i>	<i>Activity/ Depth</i>	<i>Explosive Hazard Exposure Rank</i>
1	2	Accessible	Low	NA/Wildlife Mgt Area	B
2	2	Accessible	High	Subsurface	A
3	2	Accessible	Medium	NA	A

Army Recommended Cleanup Alternative

- Subsurface clearance (4 feet) at 2 and 3 in 300' x 300' grid
- Frost depth clearance at 1, 2, & 3 in 500' x 500' grid buffer, and ICs
- Estimated Cost of **\$1,270,000**

Central Impact Area

Camp Bonneville

